

## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant	:	Li, et al.	)	Group Art Unit Unknown
			)	
App. No.	:	Unknown	)	
			)	
Filed	:	Herewith	)	
			)	
For	:	METHODS OF INCREASING	)	
		WRITE SELECTIVITY IN	)	
		AN MRAM	)	
			)	
Examiner	:	Unknown	)	

INFORMATION DISCLOSURE STATEMENT

United States Patent and Trademark Office  
P.O. Box 2327  
Arlington, VA 22202

Dear Sir:

Enclosed are copies of PTO-1449 and 892 listing 19 references. These references are of record in related applications No. 09/618,504, filed July 18, 2000 and 09/964,218, filed September 25, 2001. Therefore, copies of the references are not enclosed. This Information Disclosure Statement is being submitted upon filing, and no fee is required in accordance with 37 C.F.R. § 1.97(b)(1).

Identification herein is not an admission that any of the foregoing references are prior art to the above-captioned application.

Respectfully submitted,

KNOBBE, MARTENS, OLSON & BEAR, LLP

Dated:

July 7, 2003

By:

Michael Okamoto

Michael S. Okamoto  
Registration No. 47,831  
Attorney of Record  
Customer No. 20,995  
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SHEET 1 OF 1

<p>FORM PTO-1449      U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE</p> <p style="text-align: center;"><b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b></p> <p style="text-align: center;">(USE SEVERAL SHEETS IF NECESSARY)</p>	<p>ATTY. DOCKET NO. MICRON. 100A <b>198C1DV2</b></p>	<p>APPLICATION NO. <del>09/648,504</del> <b>unknown</b></p>
<p>APPLICANT S. Li, et al.</p>		
<p>FILING DATE <del>July 18, 2000</del> <b>Herewith</b></p>		<p>GROUP <del>2010</del></p>

## U.S. PATENT DOCUMENTS

EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE (IF APPROPRIATE)
	6,005,798	12/21/99	Sakakima et al.			
	6,005,800	12/21/99	Koch et al.			
	6,111,782	08/29/00	Sakakima et al.			

## FOREIGN PATENT DOCUMENTS

EXAMINER INITIAL	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
						YES	NO

## OTHER DOCUMENTS (INCLUDING AUTHOR, TITLE, DATE, PERTINENT PAGES, ETC.)

EXAMINER INITIAL	

MSO-2576.DOC:afa  
020102

EXAMINER	DATE CONSIDERED
<p><small>*EXAMINER: INITIAL IF CITATION CONSIDERED, WHETHER OR NOT CITATION IS IN CONFORMANCE WITH MPEP 609; DRAW LINE THROUGH CITATION IF NOT IN CONFORMANCE AND NOT CONSIDERED, INCLUDE COPY OF THIS FORM WITH NEXT COMMUNICATION TO APPLICANT.</small></p>	

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FORM PTO-1449 U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE  <b>INFORMATION DISCLOSURE STATEMENT          BY APPLICANT</b>  (USE SEVERAL SHEETS IF NECESSARY)	ATTY. DOCKET NO. MICRON. 198A 198C1DV2	APPLICATION NO. 09/648,504 Unknown
	APPLICANT J et al.	
	FILING DATE July 18, 2000 <i>Herewith</i>	GROUP 2763-

## U.S. PATENT DOCUMENTS

EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE (IF APPROPRIATE)
	5,496,759	5/5/96	Yue et al.			
	5,748,519	5/5/98	Tehrani			
	5,861,328	1/19/99	Tehrani et al.			
	5,917,749	6/29/99	Chen et al.			
	6,005,800	12/21/99	Koch et al.			

EXAMINER INITIAL	OTHER DOCUMENTS (INCLUDING AUTHOR, TITLE, DATE, PERTINENT PAGES, ETC.)
	Pohm et al., "Experimental and Analytical Properties of 0.2 Micron Wide, Multi-Layer, GMR, Memory Elements", <u>Transactions on Magnetics</u> , Vol. 32, No. 5, September 1996

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061201

EXAMINER	DATE CONSIDERED
*EXAMINER: INITIAL IF CITATION CONSIDERED, WHETHER OR NOT CITATION IS IN CONFORMANCE WITH MPEP 609; DRAW LINE THROUGH CITATION IF NOT IN CONFORMANCE AND NOT CONSIDERED, INCLUDE COPY OF THIS FORM WITH NEXT COMMUNICATION TO APPLICANT.	

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## Notic of References Cited

Application/Control No.

09/618,504 Unknown

Applicant(s)/Patent Under  
Re examination  
LI ET AL.

Examiner

Gene N Auduong

Art Unit

2818

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*		Document Number Country Code-Number-Kind Code	Date MM-YYYY	Name	Classification	
✓	A	US-6236590	05-2001	Bhattacharyya et al.	365	173
✓	B	US-6111782	08-2000	Sakakima et al.	365	158
	C	US-				
	D	US-				
	E	US-				
	F	US-				
	G	US-				
	H	US-				
	I	US-				
	J	US-				
	K	US-				
	L	US-				
	M	US-				

## FOREIGN PATENT DOCUMENTS

*		Document Number Country Code-Number-Kind Code	Date MM-YYYY	Country	Name	Classification	
	N						
	O						
	P						
	Q						
	R						
	S						
	T						

## NON-PATENT DOCUMENTS

*		Include as applicable: Author, Title Date, Publisher, Edition or Volume, Pertinent Pages)
	U	
	V	
	W	
	X	

\*A copy of this reference is not being furnished with this Office action. (See MPEP § 707.05(a).)  
 Dates in MM-YYYY format are publication dates. Classifications may be US or foreign.

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SHEET 1 OF 1

FORM PTO-1449 U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE  INFORMATION DISCLOSURE STATEMENT BY APPLICANT  (USE SEVERAL SHEETS IF NECESSARY)	ATTY. DOCKET NO. MICRON. 198A- 198C/DU2	APPLICATION NO. <del>09/010,504</del> Unknown
	APPLICANT LI, et al.	
	FILING DATE July 10, 2000 Herewith	GROUP <del>2840</del>

## U.S. PATENT DOCUMENTS

EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE (IF APPROPRIATE)
	5,892,708	04/06/99	Pohm			

## FOREIGN PATENT DOCUMENTS

EXAMINER INITIAL	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
						YES	NO
	0 681 338 A1	11/08/95	European Patent Office				
	0 936 623 A2	08/18/99	European Patent Office				
	1 061 592 A2	12/20/00	European Patent Office				

EXAMINER INITIAL	OTHER DOCUMENTS (INCLUDING AUTHOR, TITLE, DATE, PERTINENT PAGES, ETC.)	

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## Notice of References Cited

Application/Control No.

~~09/964,216~~ UnknownApplicant(s)/Patent Under  
Reexamination  
LI ET AL.

Examiner

Gene N Auduong

Art Unit

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*		Document Number	Date	Name	Classification	
		Country Code-Number-Kind Code	MM-YYYY			
	A	US-5841611 ✓	11-1998	Sakakima et al.	360	113
	B	US-6005798 ✓	12-1999	Sakakima et al.	365	158
	C	US-6005800 ✓	12-1999	Koch et al.	365	173
	D	US-6111782 ✓	08-2000	Sakakima et al.	365	158
	E	US-				
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	G	US-				
	H	US-				
	I	US-				
	J	US-				
	K	US-				
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### NON-PATENT DOCUMENTS

*		Include as applicable: Author, Title Date, Publisher, Edition or Volume, Pertinent Pages)
	U	
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Dates in MM-YYYY format are publication dates. Classifications may be US or foreign.